

**REMARKS**

This is in full and timely response to the non-final Office Action mailed on August 7, 2003. Reexamination in light of the following remarks is respectfully requested.

Claims 13-27 are currently pending in this application, with claims 13, 22 and 25 being independent.

No new matter has been added.

**Rejection under 35 U.S.C. §103**

Claims 13-17 and 20-27 were rejected under 35 U.S.C. §102 as allegedly being anticipated by U.S. Pat. No. 4,082,415 to Brooks et al. (Brooks).

Claims 18-19 were rejected under 35 U.S.C. §103 as allegedly being obvious over Brooks in view of U.S. Pat. No. 4,786,133 to Chen.

These rejections are traversed at least for the following reasons.

Within the claim 13 and the claims dependent thereon, the plurality of adjacent images are separated from the condensed superposed image for recording onto the hologram recording medium, a separated image of the separated plurality of adjacent

images being recorded onto the hologram recording medium adjacent in the parallax direction to another separated image of the separated plurality of adjacent images.

Within the claim 22 and the claims dependent thereon, the plurality of adjacent images are separated from the condensed superposed image for recording onto the hologram recording medium, a separated image of the separated plurality of adjacent images being recorded onto the hologram recording medium adjacent in the parallax direction to another separated image of the separated plurality of adjacent images.

Within the claim 25 and the claims dependent thereon includes the steps of separating the condensed superposed image into the plurality of adjacent images, the plurality of adjacent images being separated in the parallax direction; and recording the separated plurality of adjacent images onto the hologram recording medium, a separated image of the separated plurality of adjacent images being recorded onto the hologram recording medium adjacent in the parallax direction to another separated image of the separated plurality of adjacent images.

Brooks arguably teaches a holographic lens array and method for making the same. However, Brooks fails to disclose, teach or suggest an image of the plurality of adjacent images is recorded

onto the hologram recording medium adjacent in the parallax direction to another image of the plurality of adjacent images.

In particular, figure 1 of Brooks fails to disclose, teach or suggest an image recorded onto the hologram recording medium 20 adjacent in the parallax direction to another image. Regarding figure 2, Brooks arguably teaches that the individual diverging beams from the data modulated point sources at the array focal plane are at least *partially superimposed* by a recording lens system comprising a pair of lenses 30, 32 and directed onto a record member 34 (column 5, lines 49-53). In the path of the reference beam of figures 3 and 4, Brooks arguably teaches that an angled mirror 64 is disposed to intercept the reference beam and to direct it at an intersecting angle relative to the central axis so as to be *superimposed upon a record member* 66 disposed in the path of both beams in a record plane before the rear image plane (column 7, lines 9-14). Figure 5 of Brooks also fails to disclose, teach or suggest an image recorded onto the hologram recording medium 20 adjacent in the parallax direction to another image.

Chen arguably teaches a method and apparatus for forming a hologram from incoherent light. Nevertheless, figure 11 of Chen fails to disclose, teach or suggest separating a condensed superposed image into the plurality of adjacent images. Also note that Chen fails to disclose, teach or suggest a beam-

condensing projection optical system condensing a superposed image in the parallax direction and separating the plurality of adjacent images from the condensed superposed image in the parallax direction.

Withdrawal of this rejection and allowance of the claims is respectfully requested.

**Conclusion**

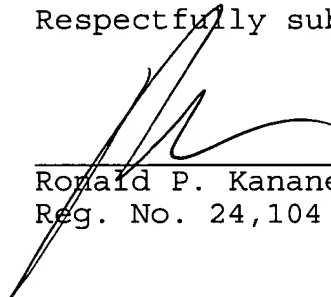
For the foregoing reasons, all the claims now pending in the present application are allowable, and the present application is in condition for allowance. Accordingly, favorable reexamination and reconsideration of the application in light of the amendments and remarks is courteously solicited.

If the Examiner has any comments or suggestions that could place this application in even better form, the Examiner is requested to telephone Brian K. Dutton, Reg. No. 47,255, at 202-955-8753 or the undersigned attorney at the below-listed number.

If any fee is required or any overpayment made, the Commissioner is hereby authorized to charge the fee or credit the overpayment to Deposit Account # 18-0013.

Respectfully submitted,

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